PTO-1390 (Rev. 07-2005)
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TRANSMITTAL LETTER TO THE UNITED STATES			ATTORNEY'S DOCKET NUMBER					
DESIGNATED/ELECTED OFFICE (DO/EO/US)			U.S. APPLICATION NO. (If known, see 37 CFR 1.5)					
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371  INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED								
	ATIONAL APPLICATION NO. 2004/003158	PRIORITY DATE CLAIMED December 3, 2003						
TITLE OF	PCT/KR2004/003158         December 2, 2004         December 3, 2003           TITLE OF INVENTION							
	NT(S) FOR DO/FO/US							
APPLICANT(S) FOR DO/EO/US Jong-Pil Kim								
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. ×	This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.							
2. 🔲	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3. X	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. X	The US has been elected (Article 31).							
5. X	A copy of the International Application	as filed (35 U.S.C. 371(c)(2))						
	a. x is attached hereto (required	only if not communicated by the Internation	nal Bureau).					
	b. has been communicated by the International Bureau.							
<del> 1</del>	c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. L	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a. is attached hereto.							
[ <del>.</del>	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7. x	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.							
	d. 🔼 have not been made and will not be made.							
8. L.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
10.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.	<ol> <li>An English language translation of the annexes of the International Preliminary Examination Report under PCT         Article 36 (35 U.S.C. 371(c)(5)).     </li> </ol>							
Items 11 to 20 below concern document(s) or information included:								
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13. X	A preliminary amendment.							
14.	An Application Data Sheet under 37 CFR 1.76.							
15.	A substitute specification.							
16.	A power of attorney and/or change of address letter.							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
		•						

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (II KNOWII, See 37 CFR 1.5)	PCT/KR2004/00315		414-0001	CRETNOMBER		
20. Other items or information:						
			•			
The following fees have been submitted	CALCULATIONS	PTO USE ONLY				
21. X Basic national fee (37 CFR 1.492(a))	\$ 300					
22. X Examination fee (37 CFR 1.492(c))						
If the written opinion prepared by ISA/US or the intern- by IPEA/US indicates all claims satisfy provisi All other situations	\$ 200					
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International						
IPEA/US indicates all claims satisfy provisions Search fee (37 CFR 1.445(a)(2)) has been paid on the	s of PCT Article 33(1)-(4)	\$0	<b>\$</b> 500			
International Searching Authority		\$100				
International Search Report prepared by an ISA other previously communicated to the US by the IB	************************************	\$400		1		
All other situations.		\$500	\$1000			
TOTAL OF 21, 22 and 23 =  Additional fee for specification and drawings filed	in paper over 100 sheets (e	xcluding	, P2000			
sequence listing in compliance with 37 CFR 1. electronic medium) (37 CFR 1.492(j)).		rogram listing in an				
The fee is \$250 for each additional 50 sheets of	of paper or fraction thereof.	<del> </del>	-			
	dditional 50 or fraction o to a whole number)	RATE				
- 100 = /50 =		x \$250	\$	l		
Surcharge of \$130.00 for furnishing any of the search after the date of commencement of the national stage	fee, examination fee, or the (37 CFR 1.492(h)).	oath or declaration	\$			
CLAIMS NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims 21 - 20 =	1	× \$50	\$ 50			
Independent claims 9 - 3 =	б	× \$200	\$ 1200			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)	\$					
Applicant claims small entity status. See 37 CFR	\$ · 2250 -1125					
	\$ 1125					
Processing fee of \$130.00 for furnishing the English tra		<u> </u>				
claimed priority date (37 CFR 1.492(i)).	\$ 					
	\$ 1125					
Fee for recording the enclosed assignment (37 CFR 1. by an appropriate cover sheet (37 CFR 3.28, 3.31). \$4	\$					
	\$ 1125					
			Amount to be refunded;	\$		
p.p.			Amount to be charged	\$		

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а. 🗌	A check in the amount of \$	_ to cover the above fees is enclosed.					
ь. 🗔	Please charge my Deposit Account No A duplicate copy of this sheet is enclosed.	in the amount of \$	to cover the above fees.				
c. 🗌	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed.						
d. X	Fees are to be charged to a credit card. <b>WARNING</b> : Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
	ALL CORRESPONDENCE TO:		NH.S				
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